

ABSTRACT OF THE DISCLOSURE.

A plate cooler for cooling a fluid made of a plurality of superposed pairs of spaced plates sealed at their margins by side and end plates to form fluid flow channels and connected by lateral plates. The spaced plates and lateral plates are provided with aligned fluid flow openings forming a fluid flow conduit connected to a fluid input and output. The cooler is preferably made of aluminum or an aluminum alloy and is assembled by vacuum welding.